

Name \_\_\_\_\_ Date \_\_\_\_\_

## Using Real-time Data

So you want to do a creative real-world investigation. Using real-time data may be your ticket. *Real-time data* is information that is updated very soon after it is collected. Think of the weather radar maps shown on the morning TV news shows. You could collect your own real-time data, but you can also find it online.

**Find Real-time Data** Find some sources of real-time data on the Web. You can search for “real-time data” or you can go online to [www.becybersmart.org](http://www.becybersmart.org) or [www.cybersmartcurriculum.org](http://www.cybersmartcurriculum.org), click on STUDENT LINKS, and then click on the diamond. Look for the title of this lesson and click on the links.

What real-time data did you find online that could be the basis for an interesting project? Explain your choice.

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**Ask Essential Questions** Essential questions aren’t easy to answer. They get at the big ideas of a subject. Questions that *ask how, why, what if, or what should be done* about make good essential questions. What are some essential questions related to the real-time data you chose?

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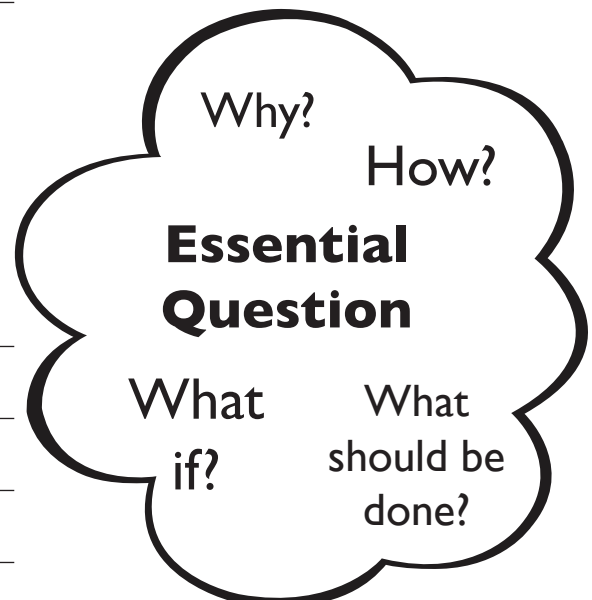
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**Plan Collaboration** Real-time data sources may provide lots of data—too much for one person to handle. It may also be difficult to interpret. Discuss with your team how you could collaborate to collect, analyze, or summarize the data.

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**Plan Communication** Once you have conducted your investigation, analyzed the data, and reached some conclusions, you'll want to communicate your results. Discuss with your team whom you'll share your results with and how you'll reach them.

Identify the people inside and outside your school you want to reach and why.

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Describe what form your communication will take—for example, a report, a letter, a press release, a slideshow, or a blog.

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